

We claim:

1. A chest compression device comprising:

a belt which is adapted to extend at least partially around the chest of a human;

5 a rotating member operatively connected to the belt to constrict the belt about the chest; and

a friction liner adapted to be disposed between the belt and the chest of the human when the belt is extended around the chest of the human, said friction liner being adapted to extend substantially completely around the chest of the human, said friction liner permitting the belt to slide freely over said friction liner.

2. The chest compression device of claim 1 wherein said friction liner is composed of a low-friction material.

3. The chest compression device of claim 1 wherein said friction liner is selected from the group comprised of a belt, a vest, a corset, a girdle, a strap and a band.

4. A chest compression device comprising:

a belt which is adapted to extend at least partially around the chest of a human;

a rotating member operatively connected to the belt to constrict the belt about the chest; and

a friction liner adapted to be disposed between the belt and the chest of the human when the belt is extended around the chest of the human, said friction liner being adapted to extend substantially completely around the chest of the human, said friction liner is not attached to the belt such that the belt is free to slide over said friction liner.

5. The chest compression device of claim 4 wherein said friction liner is composed of a low-friction material.

6. The chest compression device of claim 4 wherein said friction liner is selected from the group comprised of a belt, a vest, a corset, a girdle, a strap and a band a friction liner belt.

7. A chest compression device comprising:

a belt which is adapted to extend at least partially around the chest of a human;

a rotating member operatively connected to the belt to constrict the belt about the chest; and

a friction liner adapted to be disposed between the belt and the chest of the human when the belt is extended around the chest of the patient, said friction liner being adapted to extend substantially completely around the chest of the human, said friction liner being separate from the belt.

8. The chest compression device of claim 7 wherein said friction liner is composed of a low-friction material.

9. The chest compression device of claim 7 wherein said friction
5 liner is selected from the group comprised of a belt, a vest, a corset, a girdle, a strap and a band.

10. A chest compression device comprising:

10 a first belt which is adapted to extend at least partially around the chest of a human;

a rotating member operatively connected to the first belt to constrict the belt about the chest; and

15 a friction liner in the form of a second belt, said friction liner adapted to be disposed between the belt and the chest of the human when the belt is extended around the chest of the patient, said friction liner being adapted to extend substantially completely around the chest of the human, wherein said friction liner is not operatively connected to the rotating member.

20 11. The chest compression device of claim 10 wherein said friction liner is composed of a low-friction material.

25 12. The chest compression device of claim 10 wherein said friction liner is selected from the group comprised of a belt, a vest, a corset, a girdle, a strap and a band.

13. A chest compression device comprising:

a belt which is adapted to extend at least partially around the chest of a human;

a rotating member operatively connected to the belt to constrict the belt about the chest; and

a friction liner adapted to be disposed between the belt and the chest of the human when the belt is extended around the chest of the patient, said friction liner being adapted to extend substantially completely around the chest of the human;

wherein said friction liner provides a substantially stationary surface for the compression belt to slide over as the belt is constricted about the chest by the rotating member.

14. The chest compression device of claim 13 wherein said friction liner is composed of a low-friction material.

15. The chest compression device of claim 13 wherein said friction liner is selected from the group comprised of a belt, a vest, a corset, a girdle, a strap and a band.